


Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: CANE-0042	Application Number: 10/645,765
		First Named Inventor: Helena ROEBER, et al.	
		Filing Date: August 20, 2003	Group: 2171

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
KN		3,610,754		Pirlet	10-05-1971	—
		3,857,022		Rebane et al.	12-24-1974	—
		4,187,492		Delignieres	02-05-1980	—
		4,294,544		Altschuler et al.	10-13-1981	—
		4,312,053		Lipsky	01-19-1982	—
		4,333,170		Mathews et al.	06-01-1982	—
		4,376,301		Roberts	03-08-1983	—
		4,541,722		Jenks	09-17-1985	—
		4,686,655		Hyatt	08-11-1987	—
		4,688,933		Lapeyre	08-25-1987	—
		4,716,542		Peltz et al.	12-29-1987	—
		4,956,824		Sindeband et al.	09-11-1990	—
		4,980,870		Spivey et al.	12-25-1990	—
		4,986,662		Bures	01-22-1991	—
		5,003,166		Girod	03-26-1991	—
		5,056,791		Poillon et al.	10-15-1991	—
		5,099,456		Wells	03-24-1992	—
		5,102,223		Uesugi et al.	04-07-1992	—
		5,166,905		Currie	11-24-1992	—
V		5,174,759		Preston et al.	12-29-1992	—

FOREIGN PATENT DOCUMENTS									T ⁶
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Office ³	Number ⁴	Kind Code ⁵ (If known)					
		EP	0370770	A1	Hewlett-Packard	05-30-1990			
		EP	0233464	A1	Siemens	08-26-1987			
		EP	0420500	A2	Cyber Scientific	04-03-1991			

Examiner Signature	<i>Kimberly H. Hannon</i>	Date Considered	9/29/06
-----------------------	---------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: CANE-0042	Application Number: 10/645,765
	First Named Inventor: Helena ROEBER, et al.	
	Filing Date: August 20, 2003	Group: 2171

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
KN		5,381,235		Inoue et al.	01-10-1995	—
^		5,442,573		Bredberg et al.	08-15-1995	—
		5,573,077		Knowles	11-12-1996	—
		5,617,371		Williams	04-01-1997	—
		5,733,031		Lin	03-31-1998	—
		5,802,208		Podilchuck et al.	09-01-1998	—
		5,825,033		Barrett et al.	10-20-1998	—
		5,835,616		Lobo et al.	11-10-1998	—
		5,842,194		Arbuckle	11-24-1998	—
		5,969,822		Fright et al.	10-19-1999	—
		5,983,147		Krumm	11-09-1999	—
		6,002,435		Yamamoto et al.	12-14-1999	—
		6,005,958		Farmer et al.	12-21-1999	—
		6,075,605		Futamura et al.	06-13-2000	—
		6,108,437		Lin	08-22-2000	—
		6,111,517		Atick et al.	08-29-2000	—
		6,137,896		Chang et al.	10-24-2000	—
		6,188,777	B1	Darrell et al.	02-13-2001	—
		6,266,048	B1	Carau, Sr.	07-24-2001	—
✓		6,281,878	B1	Montellese	08-28-2001	—

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	0626636	A2	Hitachi	11-30-1994		
		EP	0629964	A1	Texas Instruments	12-21-1994		
		EP	0982676	A1	Hewlett-Packard	03-01-2000		

Examiner Signature	<i>Kenneth Nguyen</i>	Date Considered	9/29/06
-----------------------	-----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)				Attorney Docket No.: CANE-0042		Application Number: 10/645,765	
				First Named Inventor: Helena ROEBER, et al.			
				Filing Date: August 20, 2003		Group: 2171	
U.S. PATENT DOCUMENTS							
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (If known)				
KV		6,325,414	B2	Breed et al.	12-04-2001	—	
↑		6,412,813	B1	Breed et al.	07-02-2002	—	
		6,421,042	B1	Omura et al.	07-16-2002	—	
		6,422,595	B1	Breed et al.	07-23-2002	—	
		6,463,163	B1	Kresch	10-08-2002	—	
		6,480,616	B1	Hata et al.	11-12-2002	—	
		6,614,422	B1	Rafii et al.	09-02-2003	—	
		6,650,318	B1	Arnon	11-18-2003	—	
		6,690,357	B1	Dunton et al.	02-10-2004	—	
		6,710,770	B2	Tomasi et al.	03-23-2004	—	
		6,734,879	B2	Hasha et al.	05-11-2004	—	
		6,791,700	B2	Omura et al.	09-14-2004	—	
		6,801,662	B1	Owechko et al.	10-05-2004	—	
		6,961,443	B2	Mahbub	11-01-2005	—	
		2001/043719	A1	Harakawa et al.	11-22-2001	—	
		2002/0024676	A1	Fukuzaki	02-28-2002	—	
		2002/0140949	A1	Sasaki et al.	10-03-2002	—	
		2003/0048930	A1	Mihara et al.	03-13-2003	—	
√		2004/0153229	A1	Gokturk et al.	08-05-2004	—	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	1039365	A2	Nokia Mobile Phones	09-27-2000		
		EP	1045586	A2	Canon	10-18-2000		
		DE	29802435	U1	Siemens	06-18-1998		

Examiner Signature	<i>Kenneth J. Noyes</i>	Date Considered	9/29/06
-----------------------	-------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: CANE-0042		Application Number: 10/645,765		
		First Named Inventor: Helena ROEBER, et al.				
		Filing Date: August 20, 2003		Group: 2171		
U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
KN		GB	1073503	A	Centre National De La Recherche Scientifique	06-28-1967	—	
KN		WO	00/19705	A1	3DV Systems	04-06-2000	—	
KN		WO	00/21024	A1	Intel Corporation	04-13-2000	—	
KN		WO	02/21502	A1	Canesta	03-14-2002	—	
KN		WO	84/00427	A1	Syrinx Precision Instruments	02-02-1984	—	

NON PATENT LITERATURE DOCUMENTS			
Exam. Initial*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KN		Naoshi Matsuo et al., "Speaker Position Detection System Using Audio-visual Information," December 1999, XP 000931599, pp. 214-220	
KN		IBM Corp., "Virtual Keyboard" ISB Tech Disclosure Bulletin, March 1990, Vol. 32, No. 10B, XP 000097915, pp. 359-360	
KN		A.E. Savakis et al., "Restoration of Real Defocused Images Using Blur Models Based on Geometrical and Diffraction Optics," 1991, IEEE, pp. 919-922	
KN		Ren C. Luo et al., "Defocusing Blur Restoration in Natural Scene Images for Factual Analysis," November 15, 1993, IEEE, pp. 1377-1381	
KN		"Sonar," encyclopedia article from Wikipedia (electronic publication, no date)	

Examiner Signature	<i>Kimlung Nguyen</i>	Date Considered	9/29/06
-----------------------	-----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.